

Work Order ID 140505

January 07, 2016 11:30:47 AM

140505

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To ship Jan 14.

Item ID: D3574-6 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Cabin Floor Protector
 Start Date: 1/7/2016 Start Qty: 1.00 ****2 SK** Cust Item ID:
 Required Date: 1/14/2016 Req'd Qty: 1.00 ****2** Customer:
 Reference:

Approvals: Process Plan: SW Date: 20160107 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3574	Rev B								
100	FLOW WATER JET	0.00							
100									
Waterjet	Memo	0.01							
FLOW CNC Waterjet	1-Cut as per Dwg D3574								
	Dwg Rev: <u>B</u>								
	Prog Rev: <u>B</u>								
	2-Deburr								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
110									
QC	Memo	0.00							
Quality Control									

(2) _____ DC 16/01/11

(2) _____ DC 16/01/11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐					

Work Order ID 140505

January 07, 2016 11:30:47 AM

140505

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Item ID: D3574-6

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Cabin Floor Protector

Start Date: 1/7/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/14/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC8- Inspect parts - second check

0.00

120

QC

Memo

0.00

Quality Control

(2)

DAS
38
9-89

JAN 11 2016

130

Small Fab

0.00

130

Small Fab

Memo

DAS
38
9-89

0.00

Small Fab

Deburr if necessary.

140

QC5- Inspect part completeness to step on W/O

0.00

140

QC

Memo

DAS
38
9-89

0.00

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Work Order ID 140505***140505***

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January 07, 2016 11:30:47 AM

Item ID: D3574-6 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Cabin Floor Protector
Start Date: 1/7/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 1/14/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Identify as per dwg & Stock Location: <u>pk/y</u>	0.00							
150									
Packaging	Memo	0.00							
Packaging									
									DAS 6 9-89
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

2 JAN 11 2016

ML5 JAN 12 2016

ML5 JAN 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
		OTHER : ☐							

Picklist Print

January 07, 2016 11:30:51 AM

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Work Order ID: 140505

140505

Parent Item: D3574-6

D3574-6

Parent Item Name: Cabin Floor Protector

Start Date: 1/7/2016

Required Date: 1/14/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev :A New Issue 07.07.23 EC verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

MLEXS.125-F60029-04

Purchased

No

sf

1,595.000

25.35294

MI FXS 125-F60029-04

pc 16/01/11

GE PLASTICS LEXAN SHEET

Location

Loc Qty

Loc Code

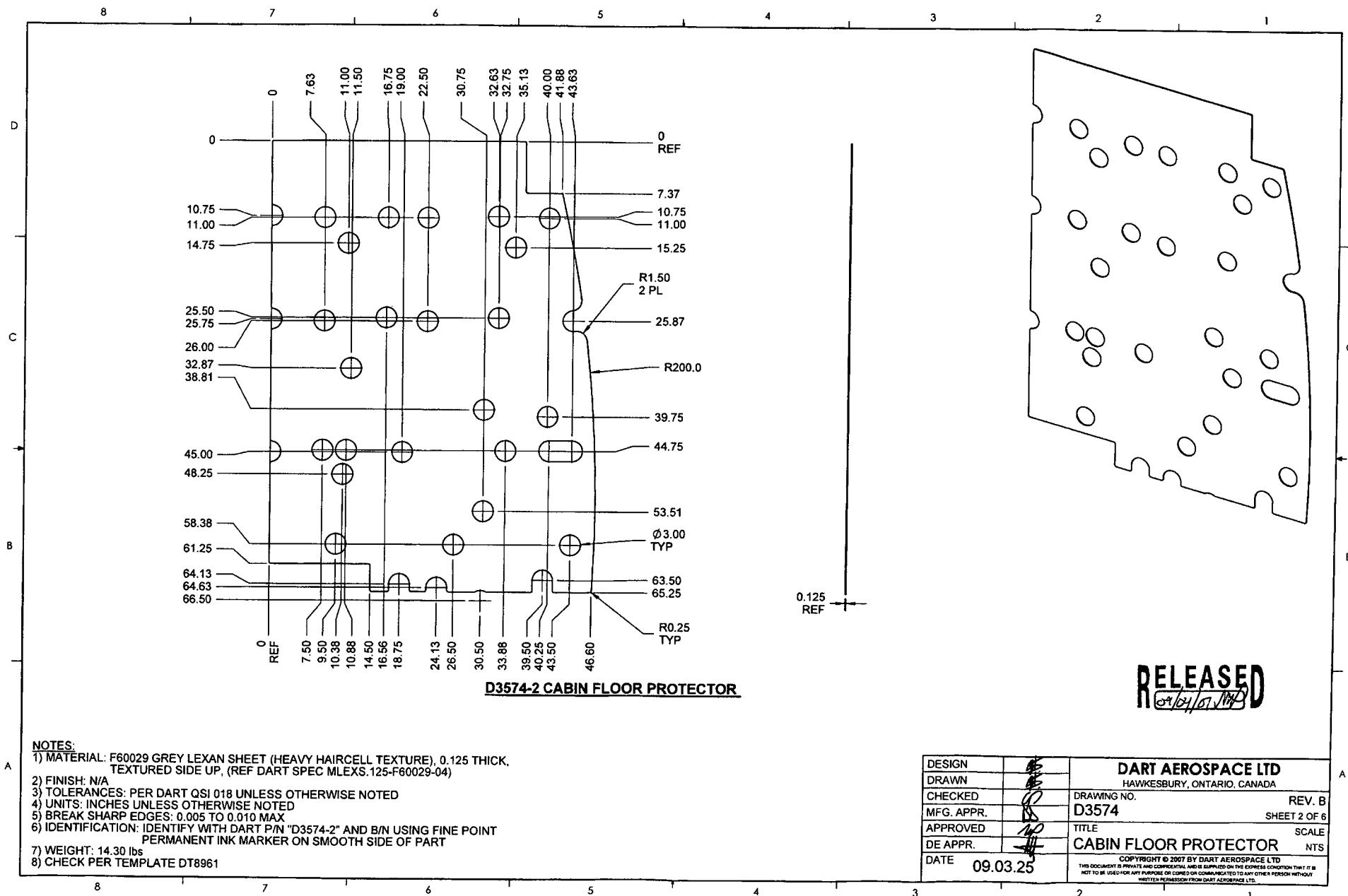
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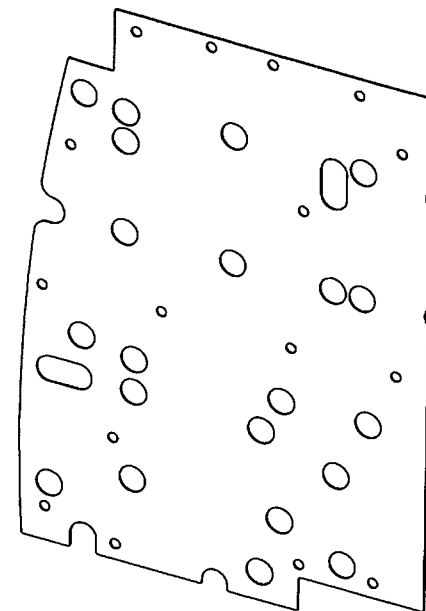
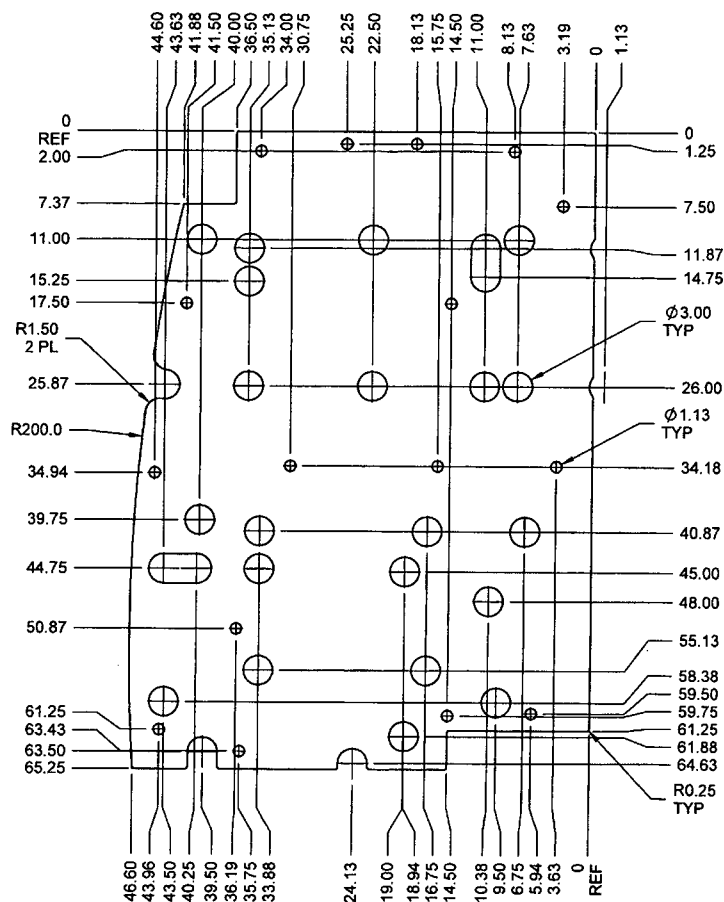
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m133111

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REF

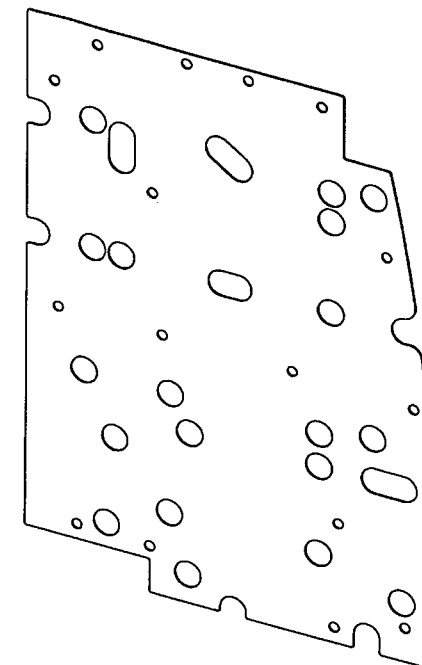
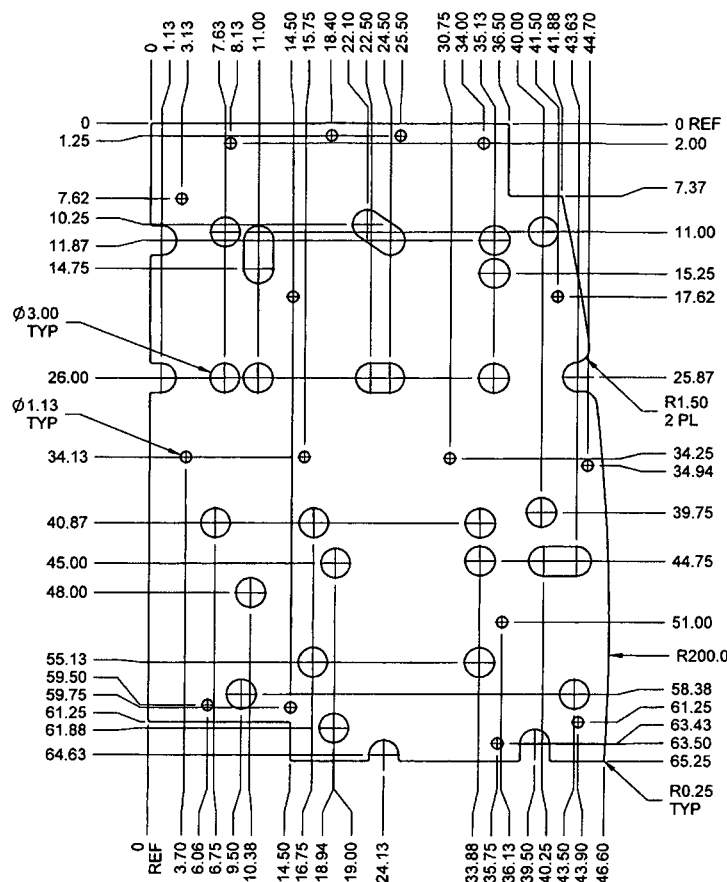
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01/07/14

D3574-3 CABIN FLOOR PROTECTOR

NOTES:

- 1) MATERIAL: F60029 GREY LEXAN SHEET (HEAVY HAIRCELL TEXTURE), 0.125 THICK, TEXTURED SIDE UP, (REF DART SPEC MLEXS.125-F60029-04)
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3574-3" AND B/N USING FINE POINT PERMANENT INK MARKER ON SMOOTH SIDE OF PART
- 7) WEIGHT: 14.33 lbs
- 8) CHECK PER TEMPLATE DT8962

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3574	SHEET 3 OF 6
APPROVED		TITLE	SCALE
DE APPR.		CABIN FLOOR PROTECTOR	NTS
DATE	09.03.25	COPYRIGHT © 2007 BY DART AEROSPACE LTD	
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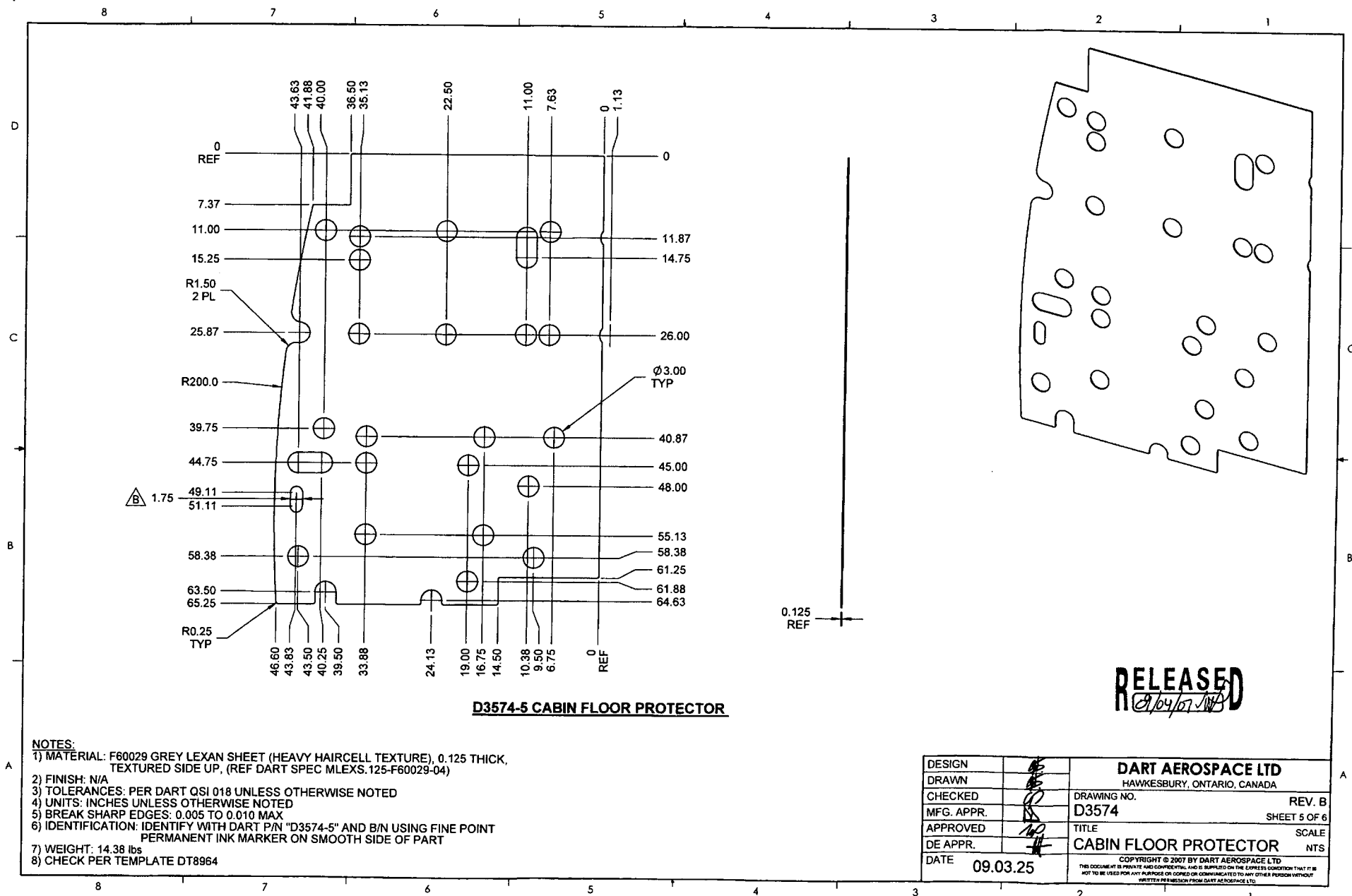
RELEASED
8/13/27 MP

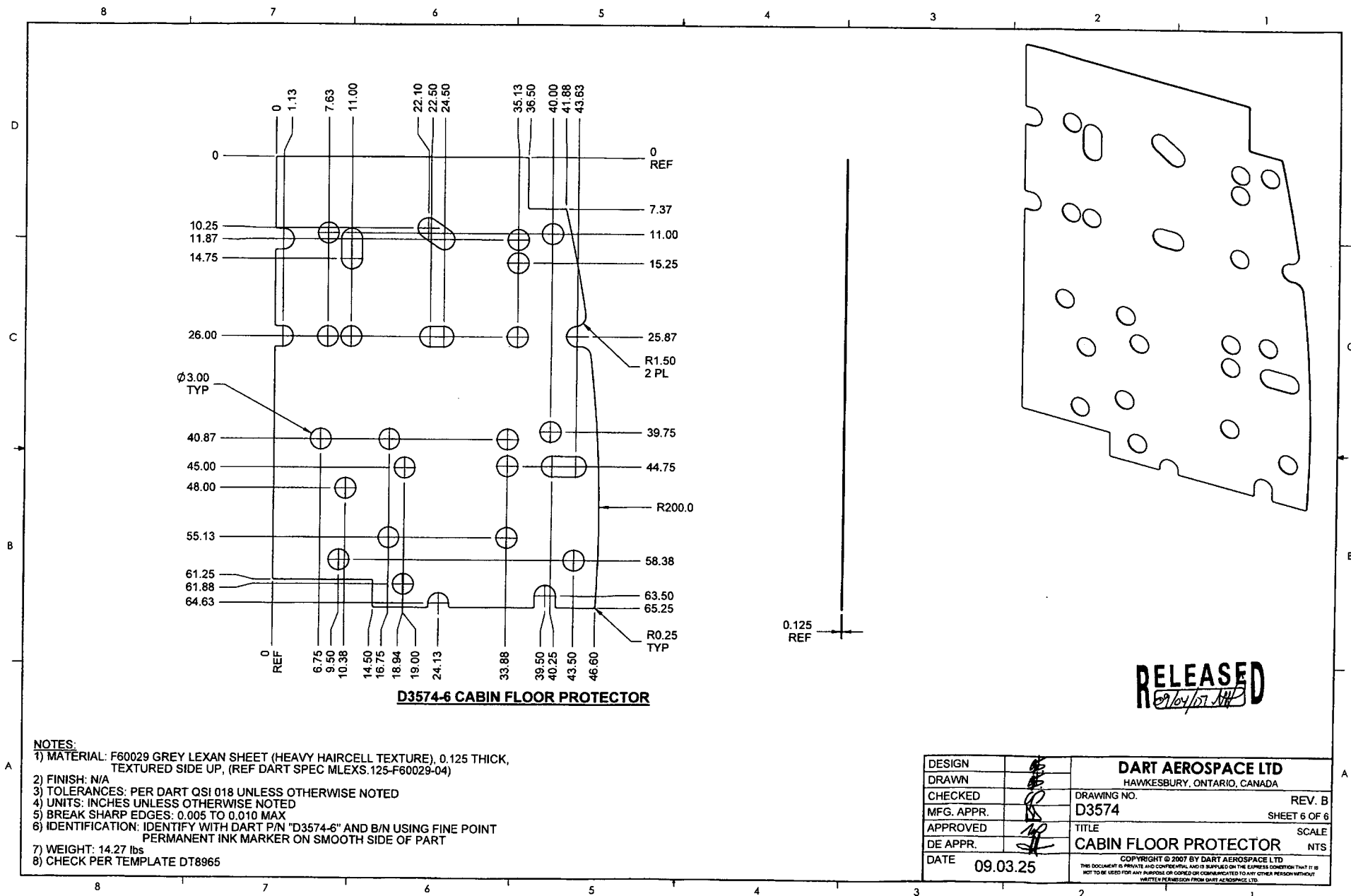
D3574-4 CABIN FLOOR PROTECTOR

NOTES:

- 1) MATERIAL: F60029 GREY LEXAN SHEET (HEAVY HAIRCELL TEXTURE), 0.125 THICK, TEXTURED SIDE UP, (REF DART SPEC MLEXS.125-F60029-04)
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3574-4" AND B/N USING FINE POINT PERMANENT INK MARKER ON SMOOTH SIDE OF PART
- 7) WEIGHT: 14.18 lbs
- 8) CHECK PER TEMPLATE DT8963

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV.
MFG. APPR.		D3574	SHEET 4 OF
APPROVED		TITLE	SCALE
DE APPR.		CABIN FLOOR PROTECTOR	NT
DATE	09.03.25	COPYRIGHT © 2007 BY DART AEROSPACE LTD	
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DART AEROSPACE LTD		Work Order:	140507
Description: Cabin Floor Protector		Part Number:	D3574-6
Inspection Dwg: D3574 Rev: B		Page 1 of 2	

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø3.00	+0.006/-0.001	Ø 3.006	/		V: Dn-02	
7.37	+/-0.030	7.35	/		Tap	
11.00	+/-0.030	11.00	/			
15.25	+/-0.030	15.25	/			
25.87	+/-0.030	25.87	/			
39.75	+/-0.030	39.75	/			
44.75	+/-0.030	44.75	/			
58.38	+/-0.030	58.38	/			
63.50	+/-0.030	63.50	/			
65.25	+/-0.030	65.25	/			
			/			
10.25	+/-0.030	10.25	/			
11.87	+/-0.030	11.87	/			
14.75	+/-0.030	14.75	/			
26.00	+/-0.030	26.00	/			
40.87	+/-0.030	40.87	/			
45.00	+/-0.030	45.00	/			
48.00	+/-0.030	48.00	/			
55.13	+/-0.030	55.13	/			
61.25	+/-0.030	61.25	/			
61.88	+/-0.030	61.88	/			
64.63	+/-0.030	64.63	/			
1.13	+/-0.030	1.13	/			
7.63	+/-0.030	7.63	/			
11.00	+/-0.030	11.00	/			
22.10	+/-0.030	22.10	/			
22.50	+/-0.030	22.50	/			
24.50	+/-0.030	24.50	/			
35.13	+/-0.030	35.13	/			
36.50	+/-0.030	36.50	/			
40.00	+/-0.030	40.00	/			
41.88	+/-0.030	41.88	/			
43.63	+/-0.030	43.63	/			
6.75	+/-0.030	6.75	/			
9.50	+/-0.030	9.50	/			

DART AEROSPACE LTD		Work Order:	
Description: Cabin Floor Protector		Part Number:	D3574-6
Inspection Dwg: D3574 Rev: B		Page 2 of 2	

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
10.38	+/-0.030	10.38	/		Tape	
14.50	+/-0.030	14.50	/		Viper-02	
16.75	+/-0.030	16.75	/			
18.94	+/-0.030	18.94	/			
19.00	+/-0.030	19.00	/			
24.13	+/-0.030	24.13	/			
33.88	+/-0.030	33.88	/			
39.50	+/-0.030	39.50	/			
40.25	+/-0.030	40.25	/			
43.50	+/-0.030	43.50	/			
46.60	+/-0.030	46.60	/			
0.125	+/-0.010	0.127	/			

Measured by:	<i>DC</i>	Audited by:	DAS 38	Prototype Approval:	N/A
Date:	16/01/11	Date:	JAN 19 2016	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	08.01.16	New Issue	KJ/DD	
B	09.05.15	Dimensions updated per Dwg Rev B	KJ	